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December 24, 2003

ATTORNEY DOCKET NO. 8350.3213-03  
CUSTOMER NO. 22,852

17510 U.S.PTO  
10/743811  
122403

**Mail Stop Patent Application**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

New U.S. Patent Application  
Title: INTEGRATED COOLING SYSTEM  
Inventors: Brian D. HOFF and Sivaprasad AKASAM

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- seventeen (17) pages, including four (4) independent claims and twenty-eight (28) claims total.
2. Drawings- three (3) sheets of formal drawings (Figs. 1-3).
3. Fully executed Declaration and Power of Attorney document (1 page).
4. Recordation Form Cover Sheet and fully executed Assignment document to Caterpillar, Inc. (3 pages).
5. Information Disclosure Statement Under 37 C.F.R. 1.97(b) (2 pages) with Form PTO 1449 (1 page) and ten (10) references corresponding to that listed on Form PTO 1449.
6. The filing fee is calculated as follows:

Basic Application Filing Fee					\$770	\$ 770.00
	Number of Claims		Basic	Extra Claims		
Total Claims	28	-	20	8	x \$18	144.00
Independent Claims	4	-	3	1	x \$86	86.00
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$290	0
Subtotal						\$ 1000.00
Reduction by 1/2 if small entity						- 0
TOTAL APPLICATION FILING FEE						\$ 1000.00

7. A check for \$1040.00 is enclosed. The fees include:

\$770.00 filing fee;  
\$230.00 additional claims fee; and  
\$40.00 Assignment recordation fee.

Applicant claims the right to priority based on Provisional Patent Application No. 60/458,460 filed March 28, 2003.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, D.C. 20005-3315


Please accord this application an application number and filing date and record and return the Assignment to the undersigned.

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The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By:   
\_\_\_\_\_  
Ryan C. Stockett  
Reg. No. 53,642

DWH/RYS/blf  
Enclosures